

CLAIMS

*Sub B1* → 1. A liquid-crystal display device having a pair of substrates which are opposite to each other through a liquid crystal, and a semiconductor element which is directly joined to at least one of said substrates,

characterized in that a portion other than a surface, which is joined to one of said substrates, of the surfaces of said semiconductor element is covered with a light-shielding member portion.

2. A liquid-crystal display device according to claim 1, characterized in that a second light-shielding member for shielding light being toward said semiconductor element is arranged on a surface, opposite to the surface, to which said semiconductor element is joined, of the surfaces of one of said substrates.

*Sub B2* → 3. A liquid-crystal display device according to claim 2, characterized in that a plurality of pixels having no active element are arranged between said pair of substrates.

*Sub A1* → 4. A liquid-crystal display device according to any one of claims 1 to 3,

characterized in that said semiconductor element is joined to one of said substrates such that an active surface

of said semiconductor element faces said substrate.

5. A liquid-crystal display device according any one of claims 1 to 4,

characterized in that a polarizing plate is arranged on a surface of the other of said substrates, and said light-shielding member is constituted by a portion located outside an effective display region of said polarizing plate.

6. A liquid-crystal display device according to any one of claims 1 to 4,

characterized in that said light-shielding member is a molding resin which covers the surface of said semiconductor element joined to said substrate.

7. A liquid-crystal display device according to any one of claims 2 to 4,

characterized in that said light-shielding member and said second light-shielding member are constituted such that a light-shielding tape having light-shielding properties and flexibility is adhered to one of said substrates to be bent around said substrate.

8. A liquid-crystal display device according to any one of claims 2 to 4,

characterized in that a polarizing plate is arranged on

a surface of one of said substrates, and said second light-shielding member is constituted by a portion located outside an effective display region of said polarizing plate.

9. A liquid-crystal display device according to one of claims 2 to 6,

characterized in that said second light-shielding member is constituted such that a planar sheet member having light-shielding properties is adhered to a surface of one of said substrates.

10. An electronic device in which a liquid-crystal display device having a pair of substrates which are opposite to each other through a liquid crystal and a semiconductor element which is directly joined to at least one of said substrates and a main body having a main substrate for sending an external input signal to said semiconductor element are connected to each other by a connection circuit substrate,

characterized in that a portion other than a surface, which is joined to one of said substrates, of the surfaces of said semiconductor element is covered with a light-shielding member.

11. An electronic device according to claim 10,

characterized in that a second light-shielding member for shielding light being toward said semiconductor element is

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